

Memorial Workshop program
Dedicated to 60-th anniversary of Levon Khachatrian
American University of Armenia
Room 308-W, PAB
June 2-3, 2014

June 2

10.00 – 10.15 – Gurgen Khachatrian (American University of Armenia (AUA)) – Remembering Levon

10.15 - 11.00 – Invited lecture: Gyula Katona (Renyi Institute, Budapest, Hungary) - Around the Complete Intersection Theorem

11.00 -11.30 – Harut Aydinian (University of Bielefeld, Germany) – A subspace covering problem in the n-cube

11.30 -11.45 - Coffee break

11.45 - 12.15 – Christian Bey (University of Osnabruck, Germany) - Intersections and Shadows: some new results

12.15 - 12.45 –Sos Aghaian (The University of Texas at San Antonio, USA) - Innovated Imaging Systems

12.45- 14.00 Lunch break

14.00-14.30 – Levon Aslanyan (Institute for Informatics Problems and Automation, National Academy of Sciences of Armenia (IPIA, NAS)) - Set System Neighborhood Properties

14.30- 15.00 - Sergey Abrahamyan and Melsik Kyuregyan (IPIA, NAS) - New Recursive Construction of Normal Polynomials over Finite Fields

15.00 -15.30 – Hasmik Sahakyan (IPIA, NAS) - Upper degree sequences of families of sets

15.30-16.00 – Yuri Movsisyan (Yerevan State University (YSU)) - Boolean-like Functions and free Algebras

16.00- 16.30- Victor Ohanyan (AUA) - An Identity for Bounded Convex Polygons

19.00 – Invited Dinner

June 3

10.00 – 10.45 – Invited lecture - Zoltan Füredi (University of Illinois, Urbana, USA and Renyi Institute, Budapest, Hungary) - A discrete isodiametric result: the Erdos-Ko-Rado theorem for multi- sets

10.45 - 11.15– Hovhannes Harutyunyan (Concordia University, Canada) - On Messy Broadcasting in Graphs

11.15 -11.30 – Coffee break

11.30 -12.00- Victor Zinoviev (Institute for Problems of Information Transmission, Russian Academy of Sciences) - On q-ary optimal equitable symbol weight codes.

12.00-12.30 - Vladimir Leontyev (Moscow State University (MSU)), Garib Movsesyan (BIT Group, Russia), Artur Osipyan (MSU) and Zhirayr Markarian (YSU) - About Matrix and Additive Channels

12.30 - 14.00 - Lunch break

14.00-14.30 - Peter Wagner (University of Rostock, Germany) - On Sperner families with non-empty intersections of any three members

14.30- 15.00 – Gurgen Khachatryan (AUA) and Melsik Kyuregyan (IPIA, NAS) - Public key encryption system based on permutation Polynomials

15.00 -15.30 - Sergey Abrahamyan, Knarik Kyuregyan (IPIA, NAS)
An Algorithm for Factoring Composite Polynomial $P(x^p - x - \rho)$

15.30-16.00 – Ivan Manuylov and Garik Markarian (Lancaster University, UK)
- D/M/1 Queuing System Analysis and its Application to QoS Evaluation.

16.00 – 16.30 – Vahe Sargsyan (MSU) - Asymptotics for the logarithm of the number of $(k; l)$ -sum-free sets in Abelian groups.

19.00 - Special event